

AMENDMENTS TO THE SPECIFICATION

Pages 14-15:

Please replace the paragraph at page 14, line 24, and ending at page 15, line 8, with the following amended paragraph:

--A pulse modulator 31 carries out, in response to the data output from the data transmitter 12, the pulse modulation (such as ASK modulation and CW modulation) of the RF signal oscillated by the RF signal oscillator 11, and outputs the modulation signal which is a pulse signal. When the data output from the data transmitter 12 is transmission data such as a command, the pulse modulator 31 carries out the pulse modulation in such a manner that the duty ratio of the pulse signal agrees with the first duty ratio (duty ratio = 2). In contrast, when the data output from the data transmitter 12 is fixed data for the power supply, the pulse modulator 31 carries out the pulse modulation in such a manner that the duty ratio of the pulse signal agrees with a second duty ratio (second duty ratio > first duty ratio). The RF signal oscillator 11, data transmitter 12 and pulse modulator 31 constitute a modulation means. Note that the term “duty ratio” as used in the present application is defined to indicate an inverse number of a ratio of a pulse width to repetition period of pulse signal.--